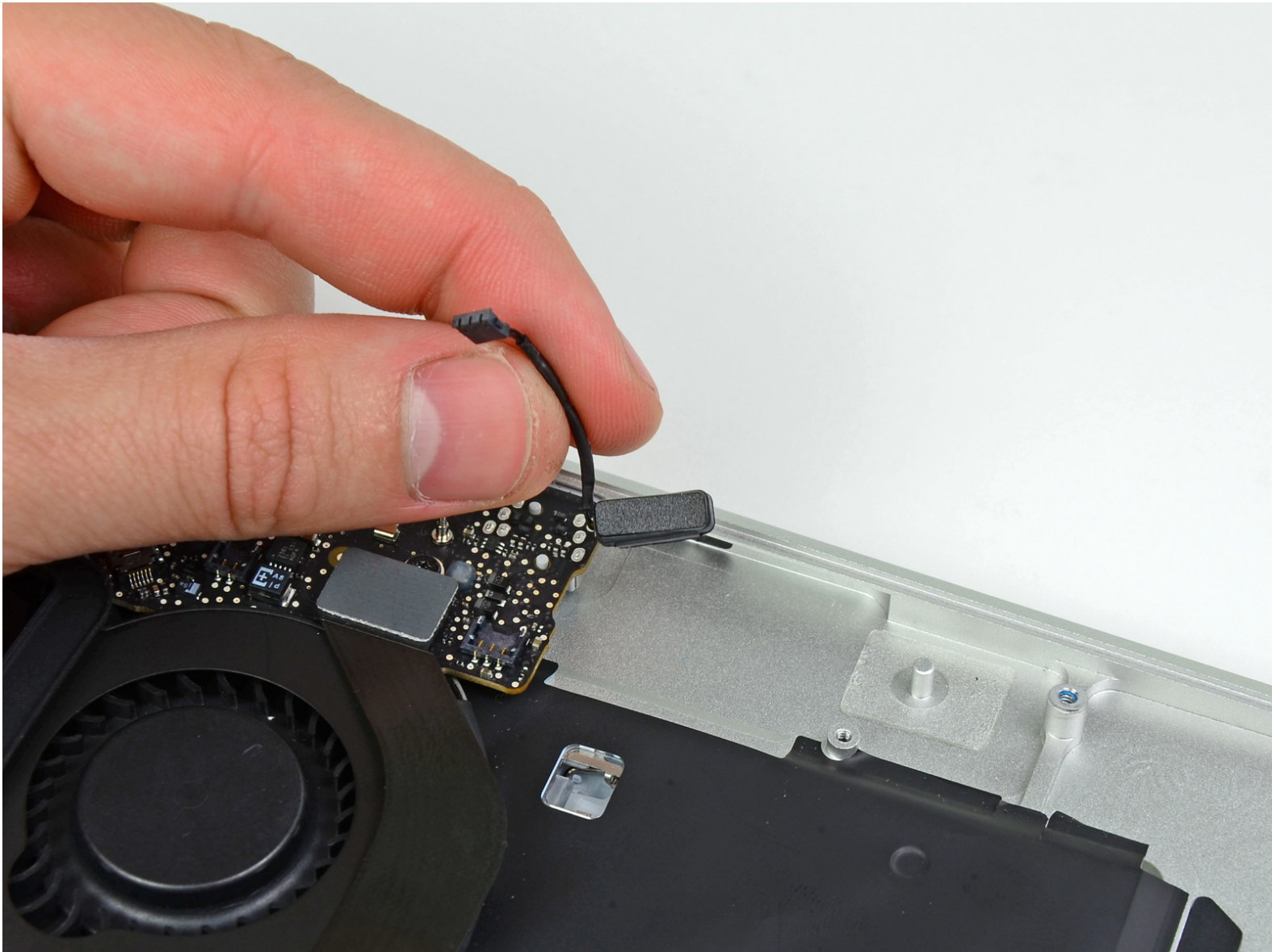




# MacBook Air 13" Mid 2012 Microphone Replacement

Replace a broken microphone in your MacBook Air 13" Mid 2012.

Written By: Andrew Optimus Goldberg



## INTRODUCTION

Use this guide to replace a blown microphone.



### TOOLS:

- [P5 Pentalobe Screwdriver Retina MacBook Pro and Air](#) (1)
- [Spudger](#) (1)
- [T5 Torx Screwdriver](#) (1)



### PARTS:

- [MacBook Air 13" \(Mid 2012\) Microphone](#) (1)

## Step 1 — Lower Case



- **Before proceeding, power down your machine. Close the display and lay it on a soft surface top-side down.**
- Remove the following ten screws:
  - Two 9 mm P5 Pentolobe screws
  - Eight 2.6 mm P5 Pentolobe screws
- The special screwdriver needed to remove the ten 5-point Pentolobe screws can be found [here](#).

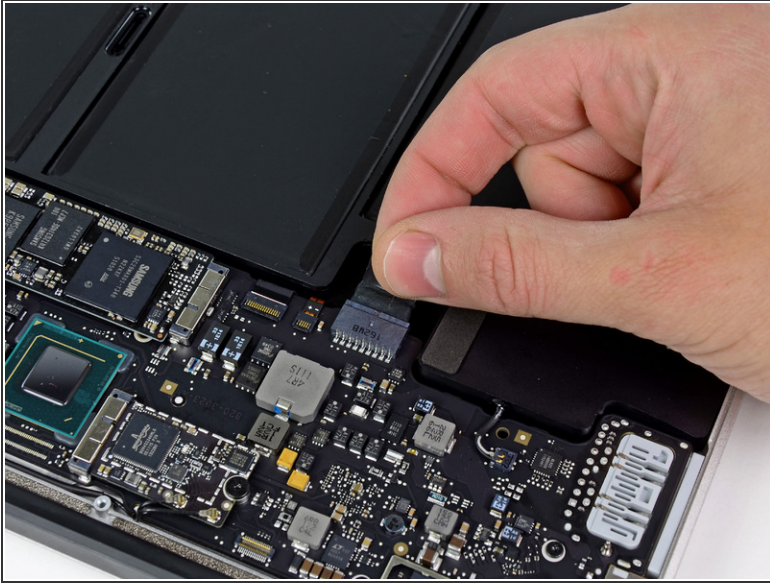
## Step 2



- Wedge your fingers between the display and the lower case and pull upward to pop the lower case off the Air.
- Remove the lower case and set it aside.



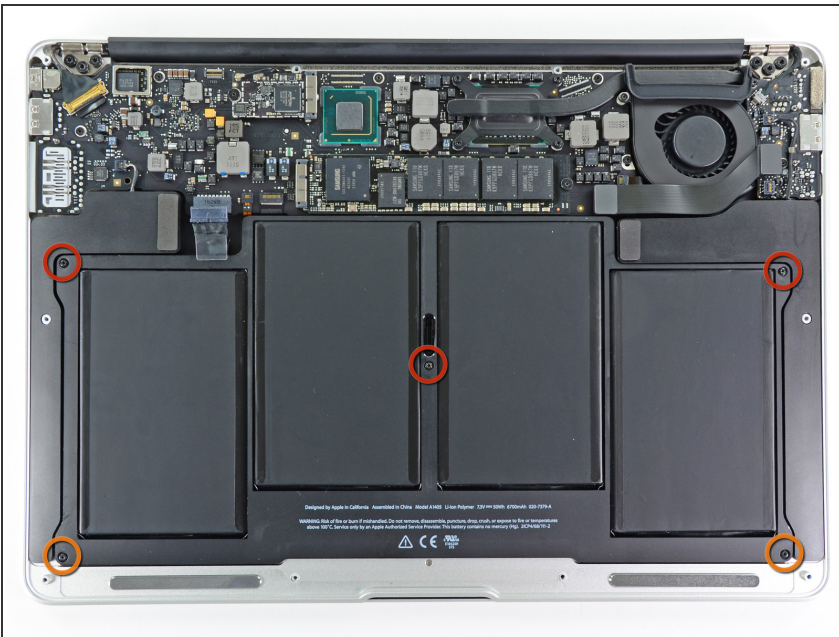
## Step 3 — Battery



- Grab the clear plastic pull tab attached to the battery connector and pull it toward the front edge of the Air to disconnect the battery from the logic board.

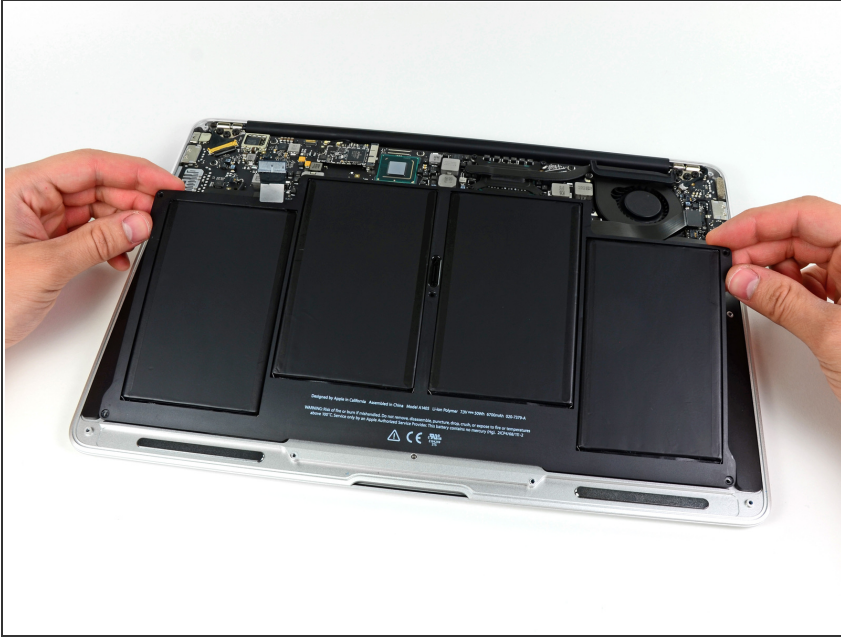
⚠ Do not lift upward on the connector as you disconnect it.

## Step 4



- Remove the following five screws securing the battery to the upper case:
  - Three 6.3 mm T5 Torx screws
  - Two 2.4 mm T5 Torx screws

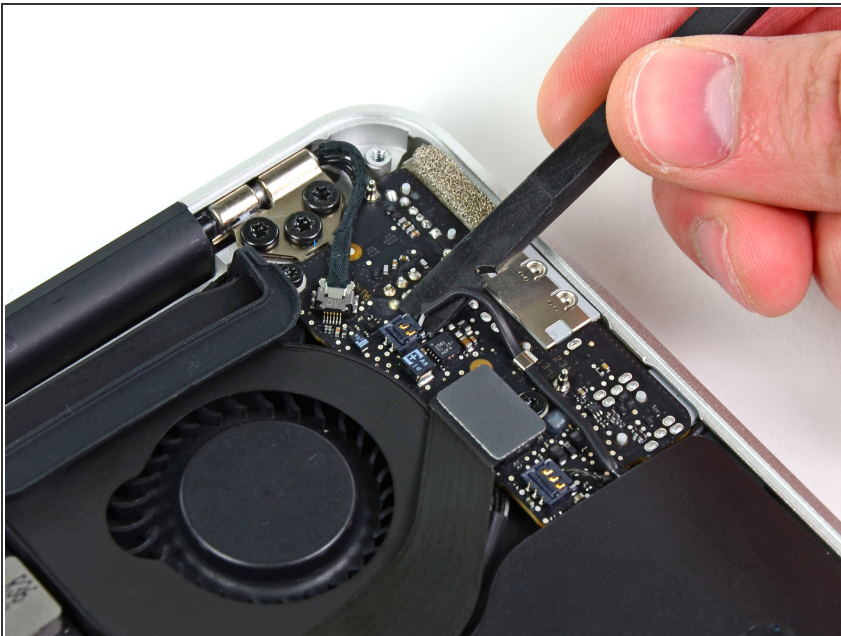
## Step 5



**⚠** When handling the battery, avoid squeezing or touching the four exposed lithium polymer cells.

- Lift the battery from its edge nearest the logic board and remove it from the upper case.

## Step 6 — Left Speaker

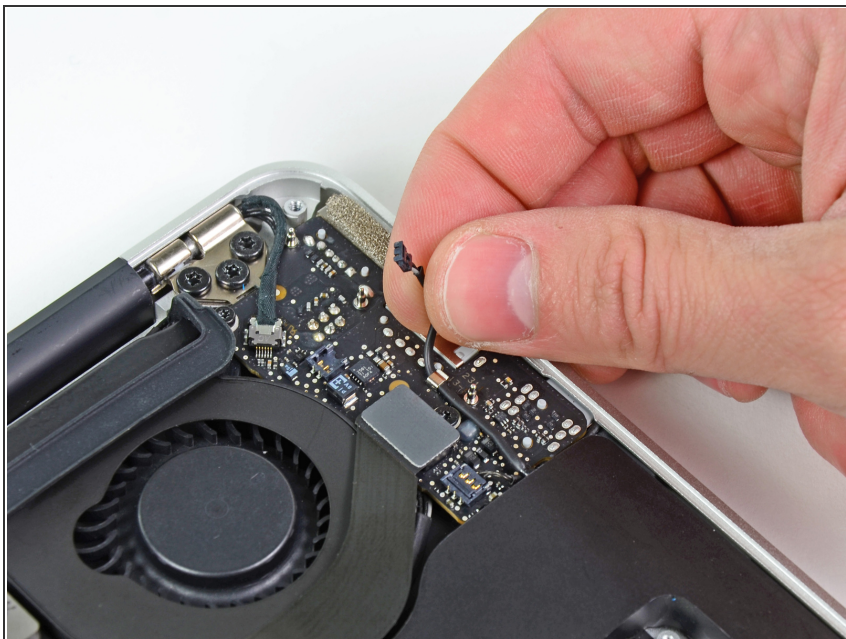


- Use the flat end of a spudger to pry the left speaker cable connector up and out of its socket on the I/O board.

**i** Pry up from beneath the wires.

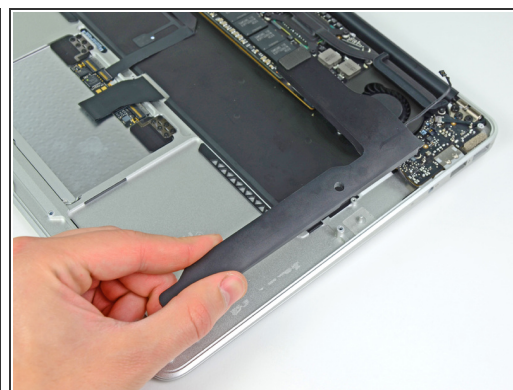
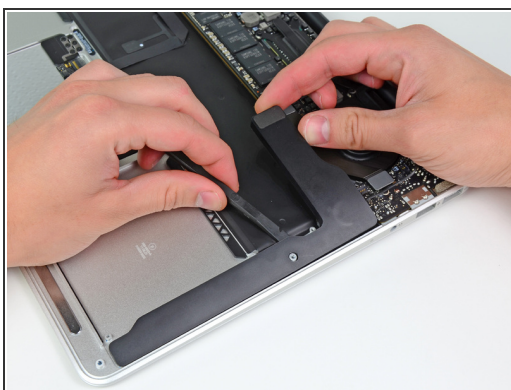


## Step 7



- De-route the left speaker cable from its retaining clip on the I/O board.

## Step 8



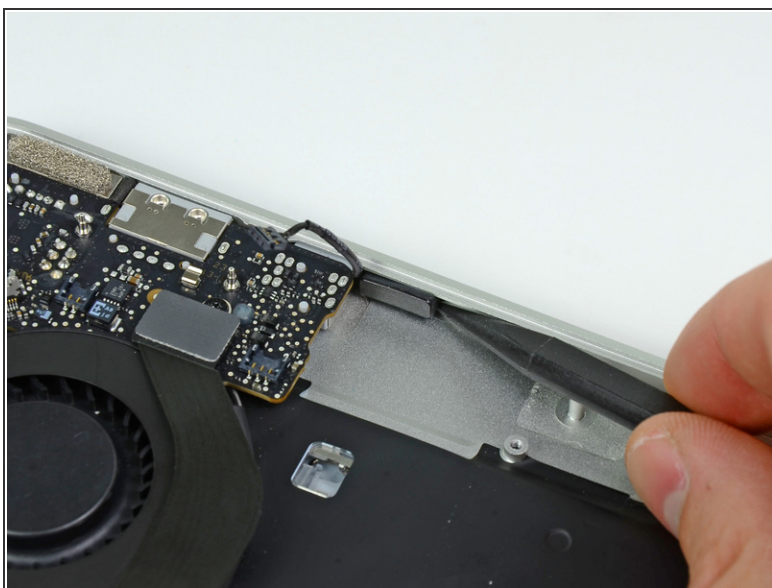
- Use the flat end of a spudger to pry the left speaker off the adhesive securing it to the upper case.
- Remove the left speaker from the upper case.

## Step 9 — Microphone



- Use the edge of a spudger to pry the microphone connector up and out of its socket on the I/O board.

## Step 10



- Use the tip of a spudger to pry the microphone off the adhesive securing it to the left side of the upper case.
- Remove the microphone from the upper case.

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-06-22 10:03:34 PM.